(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 7 April 2005 (07.04.2005)

PCT

(10) International Publication Number WO 2005/031991 A1

(51) International Patent Classification7:

H04B 1/03

(21) International Application Number:

PCT/KR2004/002472

(22) International Filing Date:

24 September 2004 (24.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 10-2003-0067731

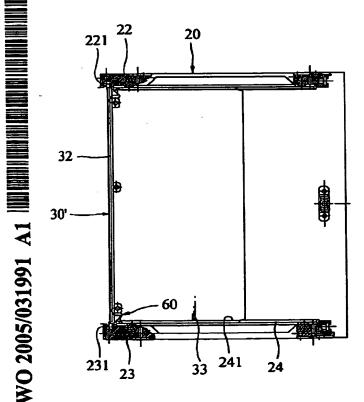
30 September 2003 (30.09.2003) KF

(71) Applicant (for all designated States except US): UT-Starcom Korea Limited [KR/KR]; San 136-1, Ami-ri, Bubal-eub Icheon-si., Kyongki-do 467-701 (KR).

- (72) Inventor; and
- (75) Inventor/Applicant (for US only): JEONG, Dae Soo [KR/KR]; Hyundai Apt. 701-1306 Ami-ri, Bubal-eub Icheon-si,, Gyeonggi-do 467-860 (KR).
- (74) Agent: AN, Kook Chan; Hannuri Bldg. 219 Naeja-dong, Chongno-gu., Seoul 110-053 (KR).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: LOCKING MEMBER FOR LOCKING A CARD WITH RESPECT TO A SHELF



(57) Abstract: A locking member functions to lock a card with respect to a shelf having an end with a groove upon completing a card loading process into the shelf. The locking member is provided with (1) a connecting section joined to the card, (2) a resilient section extending from the connecting section and having resilience, and (3) an engagement section formed at an end of the resilient section and having a shape engagable into the groove. The locking member is also provided with an extension section extending from the engagement section. When the extension section is pressed, a position of the engagement section is lowered due to shrinkage of the resilient section.